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**Mfg. pure antigen from non-A, non-B hepatitis virus - useful as
diagnostic reagents**

Patent Assignee: TREPO C (TREP-I)

Inventor: TREPO C

Number of Countries: 013 Number of Patents: 005

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|----------|----------|
| WO 8203330 | A | 19821014 | | | | 198242 B |
| FR 2502154 | A | 19820924 | | | | 198245 |
| EP 74986 | A | 19830330 | EP 82900965 | A | 19820330 | 198314 |
| EP 74986 | B | 19850918 | | | | 198538 |
| DE 3266294 | G | 19851024 | | | | 198544 |

Priority Applications (No Type Date): FR 816385 A 19810330

Patent Details:

| Patent No | Kind | Lan | Pg | Main IPC | Filing Notes |
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| WO 8203330 | A | F | 65 | | |
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Designated States (National): JP SU US

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Designated States (Regional): AT BE CH FR GB LI LU NL SE

Abstract (Basic): WO 8203330 A

Prod'n. of purified antigens from non-A, non-B (NANB) hepatitis virus comprises first ultracentrifuging appropriate sera or liver extracts to concentrate the virus in the pellet. This is incubated for 1-24 hr. at 0-37 deg.C with a nonionic detergent, then a fraction contg. purified NANBc antigen isolated. Opt. this fraction is further incubated for 1-24 hr. at 0-37 deg.C with an ionic detergent to isolate NANBe antigen.

Two other purification procedures are claimed. (A) any virus particles are eliminated from an appropriate serum sample (pref. by ultracentrifuging), then gamma-globulino removed, the antigen conc. (pref. by pptn.) and then chromatography on a support to which heparin is bonded. Elution is with aq. NaCl soln. of increasing concn. and salts are removed conventionally from the eluate. These antigens, and their associated antibodies, are used in diagnosis of NANB viral hepatitis and for monitoring the progress of the disease.